

20000104.qrp v01\_n690.qrl.20000104

Date: Tue, 4 Jan 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1690

QRP-L Digest 1690

Topics covered in this issue include:

- 1) [59455] Re: Kit Building vs. Homebrew  
by Bruce Toback <btoback@optc.com>
- 2) [59456] OP: QRP SSB  
by Richard Sherman <srichard@aldus.northnet.org>
- 3) [59457] Re: Home page?  
by DONROHER@aol.com
- 4) [59458] Re: Kit Building vs. Homebrew  
by "John J. McDonough" <wb8rcr@arrl.net>
- 5) [59459] KL 80M Net Report  
by Paul Stroud <aa4xx@ipass.net>
- 6) [59460] nets..  
by sergio <sruiz@bright.net>
- 7) [59461] RE: OT: Poqet PC File Transfers  
by Craig LaBarge <wb3gck@yahoo.com>
- 8) [59462] Need Antenna Change-over Circuit  
by "James P. Rybak" <jrybak@mesastate.edu>
- 9) [59463] Re: Snakes on e-Bay  
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 10) [59464] Re:%20WTB:%20ARRL%20ADVANCED%20VIDEO%20COURSE  
by KD6AXT@cs.com
- 11) [59465] Re: Snakes on e-Bay  
by Bob Liesenfeld <wb0poq@visi.com>
- 12) [59466] Re: Snakes on e-Bay  
by "Ron Smith" <resmith666@uswest.net>
- 13) [59467] Miniature Keyboards  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 14) [59468] Re: Need Antenna Change-over Circuit  
by "George Heron N2APB" <n2apb@erols.com>
- 15) [59469] TKS--Spartan Sprint Tonight  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 16) [59470] Re: Miniature Keyboards part II  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 17) [59471] RE: SKED WITH DELAWARE FOR QRP WAS...  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 18) [59472] Question abt DSP algorithm redux  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 19) [59473] Re: Re Tech and novice bands

- by kc8aon@juno.com
- 20) [59474] Hamfest in Memphis  
by James4296@aol.com
- 21) [59475] January QRP Quarterly on the way  
by Mike Czuhajewski <wa8mcq@erols.com>
- 22) [59476] Re: Snakes on e-Bay  
by Pete Burbank <plburbank@kih.net>
- 23) [59477] FS: HW-9  
by DaveLeDuc@aol.com
- 24) [59478] ANT 101: Feeding ZS6BKV with 300 Ohms TV Ribbons?  
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 25) [59479] Re: FS: HW-9  
by DaveLeDuc@aol.com
- 26) [59480] Happy Dance!  
by "C. Lamar Derk" <n3at@noln.com>
- 27) [59481] "Atomic" Clock - Failure  
by Dave Fifield <fifield@pacbell.net>
- 28) [59482] DSW 80 !?!?!  
by "Paul R. Valko" <prvalko@oakland.edu>
- 29) [59483] Re: Snakes on e-Bay  
by "Francis Callahan" <colcal@srv.net>
- 30) [59484] DC-DC Converter  
by Allen Randy <Allen\_Randy@prc.com>
- 31) [59485] Re: Snakes on e-Bay  
by Shephed@aol.com
- 32) [59486] RE: Snakes on e-Bay  
by Wa3ptg@aol.com
- 33) [59487] RE: Snakes on e-Bay  
by Karl Kanalz <KKanalz@excel.com>
- 34) [59488] Hobby  
by wa8jpr@juno.com
- 35) [59489] RE: Snakes on e-Bay  
by Ray Colbert <af852@rgfn.epcc.edu>
- 36) [59490] KITS: Re: DSW 80 !?!?!  
by "David Benson" <nn1g@earthlink.net>
- 37) [59491] PRIDE  
by John R Kirby <n3aaz-qrp@juno.com>
- 38) [59492] Re: Question abt DSP algorithm redux  
by Bruce Kizerian <kizerian@ced.utah.edu>
- 39) [59493] Re: Re Tech and novice bands  
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [59494] HB: TiCK-4 chip gone nuts.....the solution!  
by Clifton W Sikes <ab5uacw@juno.com>
- 41) [59495] 9v NMH Battery Source  
by Guy Dragoo <GDRAG@proedge.com>
- 42) [59496] Solar Ham  
by "Bill Allen" <bill@pcatexas.com>
- 43) [59497] Re: KITS: Re: DSW 80 !?!?!  
by "Bill Allen" <bill@pcatexas.com>

by "Paul R. Valko" <prvalko@oakland.edu>

44) [59498] O.T...WM2 PEP circuit needed.....  
by Dave Barrett <DBarrett@creo.com>

45) [59499] WTB: RedHot NC20, built or unbuilt  
by Allan G Taylor <agtaylor@ix.netcom.com>

46) [59500] Re: Solar Ham  
by "Charlie Fitts" <cfitts@neca.com>

47) [59501] O.T..WM2 Mods, Got it already....Thanks Pat (VE6AAN)  
by Dave Barrett <DBarrett@creo.com>

48) [59502] Re:  
by "Sly (9M8SL)" <cqsly@tm.net.my>

49) [59503] CLUB: WestFLA Meeting This Saturday, 8 January 1999 - SPECIAL  
GIVEAWAY!!  
by "Stephen D. Cohen" <scohen@xps.xybion.com>

50) [59504] Re: Solar Ham  
by "Bill Allen" <bill@pcatexas.com>

51) [59505] RE: PRIDE  
by Rich Mulvey <mulveyr@iname.com>

52) [59506] Re: Snakes on e-Bay  
by "George T. Baker" <w5yr@worldnet.att.net>

53) [59507] Re: PRIDE  
by Bruce Kizerian <kizerian@ced.utah.edu>

54) [59508] Re: Re Tech and novice bands  
by Bob Hightower <ki7mn@extremezone.com>

55) [59509] Re: PRIDE  
by "Bill Allen" <bill@pcatexas.com>

56) [59510] 15 v ?  
by "Walt Amos" <waltamos@surfnet.com>

57) [59511] Restructuring: was Re: Re Tech and novice bands  
by "Nathan Gordon" <nathang@bigfoot.com>

58) [59512] Spartan Sprint/ QRQ Net/Norcal/ARKansas QRP test.  
by Ed Loranger <we6w@netzero.net>

59) [59513] Re: Solar Ham  
by "W5TB - 'Doc' Drake" <w5tb@softhome.net>

60) [59514] Re: DSP--question properly worded  
by "Jim Bates" <jimbo@spectrum-internet.com>

61) [59515] Solar charge regulator  
by Rod J Johnson <ka7you@juno.com>

62) [59516] Re: Snakes on e-Bay  
by Michael Bower <bowerm@ix.netcom.com>

63) [59517] Re: Snakes on e-Bay  
by Michael Bower <bowerm@ix.netcom.com>

64) [59518] RE: PRIDE  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

65) [59519] Question abt DSP algorithm redux  
by Laura Halliday <lha@sdr.utias.utoronto.ca>

66) [59520] Re: PRIDE  
by FrConrad@aol.com

- 67) [59521] Re: "Atomic" Clock - Failure  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
68) [59522] HB: cw adapter for HTX-10  
by n5ib@juno.com  
69) [59523] SWAP: landline sounder for straight key  
by n5ib@juno.com  
70) [59524] Re: [Elecraft] O.T...WM2 PEP circuit needed.....  
by Charles Greene <cgreene@loa.com>  
71) [59525] Re: Snakes on e-Bay  
by Dick Carroll <dixie@townsqsr.com>  
72) [59526] LIST: off-topic discussions  
by lujce@Lehigh.EDU  
73) [59527] HB: Pixie II  
by "Pete (N9SSA)" <n9ssa@arrl.net>  
74) [59528] K2 SSB  
by "Jeff Gold" <jeffmgold@hotmail.com>  
75) [59529] RE: Snakes on e-Bay  
by Robert McConnell <rmcconne@lightlink.com>  
76) [59530] Re: HB: Pixie II  
by Jim/Julia <w7ls@blarg.net>

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Date: Mon, 3 Jan 2000 17:04:57 -0700  
From: Bruce Toback <btoback@optc.com>  
To: <alihernlem@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [59455] Re: Kit Building vs. Homebrew  
Message-ID: <200001040122.SAA26209@landru.optc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Brad Hernlem writes:

>I think that there is some threshold level  
>of test equipment needed (and not just a well stocked junk box) for  
>satisfactory homebrew. After that, you can build the rest of the instruments  
>that you need or want (almost done with my frequency counter).

For what it's worth, when I started building again, I picked up some test equipment at one of the local hamfests:

1. A solid-state 50MHz Hewlett-Packard dual-trace delayed-sweep oscilloscope, \$75. The older Tektronix tube-type 'scopes are usually available even cheaper.
2. A 500MHz Hewlett-Packard frequency counter, \$25.

I also bought a new DVM for about \$80. In addition, I had some old Heathkit test equipment that I built when I was a kid (RF generator, audio generator, 1-30V DC power supply, capacitor checker, signal tracer). All of these appear on eBay fairly frequently in the \$10-25 range, or as Brad mentions, can be built easily. But you need at least one trustworthy instrument so that you can calibrate everything else, and the 'scope fills that particular role for me.

I do crave a modern 300MHz digital oscilloscope, but the fact is that I get by almost as well with what I have, at less than a fiftieth the price.

-- Bruce

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-----  
Bruce Toback      Tel: (602) 996-8601| My candle burns at both ends;  
OPT, Inc.          (800) 858-4507| It will not last the night;  
11801 N. Tatum Blvd. Ste. 142    | But ah, my foes, and oh, my friends -  
Phoenix AZ 85028                | It gives a lovely light.  
btoback@optc.com                 |      -- Edna St. Vincent Millay
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Date: Mon, 03 Jan 2000 19:03:24 -0500  
From: Richard Sherman <srichard@aldus.northnet.org>  
To: qrp-l@Lehigh.EDU  
Subject: [59456] OP: QRP SSB  
Message-ID: <3.0.6.32.20000103190324.007b9100@aldus.northnet.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"
```

Right after I got home tonight, I made two consecutive 5w SSB contacts with ND.  
On 6 meters. Way cool. Happy Dance. Also got WA and OR but had to use 100w :-(  
72 de Rick WZ2T NNY FN24  
Duane, NY Franklin County

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-----  
Date: Mon, 3 Jan 2000 19:09:06 EST  
From: DONROHER@aol.com  
To: l.fulton@ns.sympatico.ca, QRP-L@lehigh.edu
```

Subject: [59457] Re: Home page?  
Message-ID: <0.d1bcbebf.25a29422@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Was the site "QRP ARCI.....

I can't get in from AOL either.....

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Date: Mon, 3 Jan 2000 19:26:12 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <alihernlem@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [59458] Re: Kit Building vs. Homebrew  
Message-ID: <01d401bf564a\$4f305740\$010044c0@cb29328-e.baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Brad Hernlem <alihernlem@hotmail.com>

> I think that there is some threshold level of test equipment needed

There probably is, but it's pretty low. With the stuff you probably have around the shack you can make almost any measurement you need to. Sometimes, tho, it may take quite a bit of noodling to figure out how. This may be just as educational as debugging the circuit itself.

>As far as I am concerned, this is the heyday of homebrew.

This is absolutely true. Back in the 'good old days' we didn't have FedEx ... if you couldn't get to radio row, it took months to get a part, and they weren't cheap. And don't forget, every project was preceeded by a power supply project at least as complicated as the rig itself - no standard 12 volts back then. If you didn't have a great metal shop the mechanical work was a major barrier, too.

I remember hams whining about how the transistor was going to be the end of homebrew, if not ham radio itself. heh - how lucky we are!

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 03 Jan 2000 19:43:27 -0500  
From: Paul Stroud <aa4xx@ipass.net>  
To: klqrp <klqrp@waterw.com>, QRP-L <QRP-L@lehigh.edu>  
Subject: [59459] KL 80M Net Report  
Message-ID: <3871422E.8C0BEC EE@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

This past Sunday night (Jan 2, 2000) saw a lot of activity on the KnightLite's QRP Net. The band had that "shimmering" quality, allowing us to hear from QRP'ers well beyond the Atlantic Coast.

The milliwatters were out in force, including Wayne-WA3VAT/SMiTe, Dick-KG4CRU/SMiTe, Gary-N3GO/SMiTe, Marc-N4DR/SMiTe, Derek-WF4I, and Randy-WJ4P.

In the way of other news, K04PY checked in with his new DSW-80, which sounded terrific.

The biggest surprise was hearing Mal, N7GS from Bozeman, MT. Mal was running 5W with an RST 339, occasionally peaking to 439. Thanks for hanging in there, Mal. We hope to hear you again soon!

Thanks to everyone who checked into the KL Net this past Sunday. We invite our QRP friends to QNI any Sunday night on 3686.4 KHz, beginning 9:30PM EST local time (or 0230 Monday UTC). Listen for the NCS, who will be running the KL Club call, WQ4RP.

Here's the log for Jan 2, 2000:

WA3VAT	Wayne	Baltimore,	MD	339	SMiTe
K04PY	Brent	Raleigh,	NC	599	DSW-80 Dipole
KG4CRU	Dick	Morrisville,	NC	569	SMiTe
N3GO	Gary	Raleigh,	NC	599	SMiTe
WB4OFT	John	Advance,	NC	599	Scout
N4DR	Marc	Rockville,	MD	549	SMiTe
AE4IC	Bob	Greensboro,	NC	599	K2
WF4I	Derek	Greensboro,	NC	599	Sierra @ 200mW to L.W.
AB4PP	J.P.	Raleigh,	NC	599	3W to Carolina Windom
W4AMV	Alan	Raleigh,	NC	599	5W to Dipole

WJ4P	Randy	Summerville,	SC	569	K2 @ 100mW
VE3ELA	Ken		ON	439	Argo @ 3W to L.W.
N7GS	Mal	Bozeman,	MT	339	5W
AA4XX	Paul	Raleigh,	NC	(NCS)	5W to Dipole

HNY from the KL's -Paul AA4XX

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Date: Mon, 03 Jan 2000 20:01:48 -0500  
From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59460] nets..  
Message-ID: <3871467C.276817F8@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

speaking of nets.. is there a place on the web that lists nets? say.. on ten meters?

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peace,  
sergio  
<http://www.bright.net/~sruiz> - "the village buzz"  
"quoting other people is really lame and unoriginal..." -sergio

-----  
Date: Mon, 3 Jan 2000 17:22:14 -0800 (PST)  
From: Craig LaBarge <wb3gck@yahoo.com>  
To: qrp-l-mailing-list <qrp-l@lehigh.edu>  
Subject: [59461] RE: OT: Poqet PC File Transfers  
Message-ID: <20000104012214.27494.qmail@web701.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks to all who responded to my earlier query. Not long after I posted the message, I found the winning combination. I booted the main PC in DOS mode and loaded the VNA and PQLINK utilities from the command line. Also, I configure the POQET PC as the server. Then, the two machines readily connected and I was able to transfer files from the main PC to the POQET PC at a 115K baud rate using the FILE -> COPY selection from the menu. Easy, once I got the hang of



it.

Kind of a pain to switch between Windows and DOS, but it works great. I'm looking forward to using this neat little machine for portable logging and packet.

Thanks again and 73,

Craig WB3GCK

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://messenger.yahoo.com>

-----  
Date: Mon, 3 Jan 2000 19:47:39 -0700 (MST)  
From: "James P. Rybak" <jrybak@mesastate.edu>  
To: qrp-l@lehigh.edu  
Subject: [59462] Need Antenna Change-over Circuit  
Message-ID: <Pine.LNX.4.10.10001031943430.26423-100000@mesastate.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to use my Sony ICF-PR080 receiver as part of a QRP portable station. However, I need a good, reliable antenna change-over circuit to switch the antenna between the transmitter and receiver. It must be reliable to protect both the receiver and the transmitter.

Does anyone have any suggestions? To the best of my knowledge, no one is producing such a circuit in wired form or as a kit.

Thanks.

Jim Rybak W0KSD

-----  
Date: Mon, 3 Jan 2000 22:01:12 -0500  
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59463] Re: Snakes on e-Bay  
Message-ID: <002401bf565f\$f6365160\$0100a8c0@dadsmachine>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry, I disagree on this one. If I have an item that will sell for \$125 without a manual and \$150 with a manual, and I can sell the manual separately for \$50, then financially I am ahead by selling them separately. That's not snake oil. That's just mathematics.

(However, if I did do that, I would sell them at different times. The one I saw was for a HW-101 and the HW-101 manual.)

I have seen some auctions where the dealer said that if you won on both items, you would get a 10% discount on the total or something like that.

People, please remember it is the SELLERS stuff and he or she can sell it how he or she sees fit. If the seller thought he could make more money selling one page at a time, it might be a little stupid and a LOT of work, IT IS STILL HIS SALE/AUCTION. If he isn't cheating someone (mis-representation/fraud...) then it really is his or her decision. I may not like it but it is STILL his or her decision.

----- Original Message -----

From: <K2UD@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, January 03, 2000 5:41 PM  
Subject: Snakes on e-Bay

> I love it! You see an item for sale on e-Bay, then the same guy has the  
> manual for this item for sale separately. Let's see, how can I really  
soak  
> 'em for this thing? Oh wait, let's charge some exhorbant price for the  
> manual! After all, it's RARE! LOOK AT THIS! It's worth a MILLION  
DOLLARS!  
>  
> Where are the Yellow Sheets when you really need them?  
>  
> 72  
>  
> Howard Kraus, K2UD  
> Real Extra  
> Real 20 wpm sent

> Real 20 wpm received  
> In front of a Real FCC examiner  
> I'm not an OF, but I'm working on it

-----  
Date: Mon, 3 Jan 2000 22:09:08 EST  
From: KD6AXT@cs.com  
To: qrp-1@lehigh.edu  
Subject: [59464] Re:%20WTB:%20ARRL%20ADVANCED%20VIDEO%20COURSE  
Message-ID: <0.8c0e5f05.25a2be54@cs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I don't have the video--but I bet you must be thinking along the same lines as me. I've been memorizing those equations for the Advanced test and studying for it in a liesurely way for about 3 months now. I'm gonna take that test and the Extra one too with my newly acquired code speed before they change in April. Looks like there is a test session in my area in about 3 weeks. I sure hope the VEC's show up. Gotta hit the books--

Dan  
KD6AXT

-----  
Date: Mon, 03 Jan 2000 21:34:11 -0600  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: qrp-1@Lehigh.EDU  
Subject: [59465] Re: Snakes on e-Bay  
Message-ID: <38716A32.6588D0D5@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My take on this is quite simple.

If one does not like the price....don't buy it.

If no one bids on your item, give up or reduce the price.

In short: >only< \*you\* are in control of \*your\* actions. Control your choices and leave others to control theirs.

--  
Genuine E-mail From the Land of the Everlasting Icicle...

Bob Liesenfeld  
wb0poq@visi.com

-----  
Date: Mon, 3 Jan 2000 20:39:53 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59466] Re: Snakes on e-Bay  
Message-ID: <033001bf5665\$78014ce0\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Sorry, I disagree on this one. If I have an item that will sell for \$125  
> without a manual and \$150 with a manual, and I can sell the manual  
> separately for \$50, then financially I am ahead by selling them  
separately.  
> That's not snake oil. That's just mathematics.

A hissssss by any other name still bites !!!

MHO

Ron Smith - KD7VD - Boise, Idaho

-----  
Date: Mon, 03 Jan 2000 23:28:26 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [59467] Miniature Keyboards  
Message-ID: <387176E8.59FB10AC@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The miniature Dauphin keyboards have shown up on page 87 of the latest All Electronics catalog (Cat# 699, keyboard is cat # KBD-5, cost is \$9.50 each). I have been using one with my MFJ 452 in the field and I am quite satisfied. I don't know what the current drain is but the keyboard was designed to operate with the Dauphin battery powered handheld computer (cousin to the Psion and Poqet units). I would bet it draws much less than the 500ma that some full sized keyboard are reported to draw.

I am quite satisfied with my unit.

[www.allelectronics.com](http://www.allelectronics.com)

No pecuniary interest.....just a satisfied user

Henry

-----  
Date: Mon, 3 Jan 2000 22:42:21 -0500  
From: "George Heron N2APB" <n2apb@erols.com>  
To: <jrybak@mesastate.edu>, "QRP-L" <qrp-l@lehigh.edu>  
Cc: "NJQRP" <NJQRP@njqrp.org>  
Subject: [59468] Re: Need Antenna Change-over Circuit  
Message-ID: <002201bf5665\$b701d720\$d75daccf@ire.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For some current Transmit/Receive (T/R) electronic switching concepts, you could study some of schematics of the popular transceivers around: Sierra (featured in the 1996 Handbook), K2 (<http://www.elecrafter.com>), NN1G rig (several issues of QQ in 1995), 38 Special (QRPp in 1997), SW40+ (Elmer 101 rig, all over), FB40 (see NJQRP website). These designs all use some easy methods for connecting a receiver and transmitter to the same antenna.

Also could check the 7N3WVM website:

<http://www.qsl.net/7n3wvm/tr-switch.html> It has very useful references.

Also, here's a bit of a description we did last time the topic came up.  
Hope you find it useful.

A bunch of people have been inquiring as to how to easily switch a single antenna over between a transmitter and an outboard receiver. This process is known as transmit/receive (T/R) switchover, and the implementation can vary from using a manual toggle switch, to using a relay, to using some sophisticated electronics.

We'll describe a simple middle of the road approach that's used on several popular QRP transceivers: A transistor automatically shorts the receive side of the antenna path to ground during transmit times. The technique is simple, easy to implement and has reasonable performance and low cost. In fact, it's straightforward enough that we have included the printed circuit

artwork on the FB40 pcb. All you'll need to do is add a few components and you can safely connect up your receiver and FB40 to the same antenna.

[Note: we ultimately went to yet a different scheme for current FB40 kits, as compared to the one described here ... see the current FB40 manual and schematic at [http://www.njqrp.org/fireball40/rev\\_b/index.html](http://www.njqrp.org/fireball40/rev_b/index.html) ]

The basic idea that we'll employ here is to "short" the receive side of the antenna path to ground through a capacitor, when the transmitter is sending a signal up the antenna; and when the key is "up", the receiver sees the signals coming down from the antenna through that capacitor (and a series inductor). This T/R switching technique was used by Wayne Burdick, N6KR (among others) in his design of the Sierra Transceiver, documented in the 1996 Handbook. A similar approach is used in the NC40. And the diagrams, descriptions and computations are contained in NA5N's wonderful "Data Book for Homebrewers and QRPers." (You're really missing out if you don't have this book!)

You can take a tap off the input side of the FB40 output filter (i.e., right at the band-select jumper) and connect this signal to your receiver antenna connector through a capacitor and inductor. This provides a series-resonant circuit that provides very little insertion loss to the receiver front end while receiving signals.

Now we ultimately want to ground the junction between this cap and inductor so as to eliminate the signal going into the receiver during transmit, while not loading the transmitter when it is on. We'll use a transistor switch for this purpose. The collector of this transistor (let's call it Q2) will be connected to the cap/L junction, and the emitter will be grounded, and the base will be driven through a 3.6K ohm resistor by "logical high" voltage that occurs when you key the transmitter. (A 2N4124, 2N2222 or any other low-capacitance small signal NPN transistor would suffice here for Q2.)

Most keying systems actually provide a negative (grounded) signal during key-down times, so you'll likely have to provide an inverting transistor in front of Q2. This second transistor (let's call it Q3) can also be a 2N2222 in a similar configuration (grounded emitter, the collector pulled up to V+ and connected to the 3.6K base resistor of Q2, the base pulled to V+ by a 3.3Kohm resistor, and a low-going signal grounding the base of Q3.)

So in operation, the spectrum energy is bopping down your antenna line to this configuration and it enters the FB40 low pass filter, and zoops over through the capacitor and inductor to your receiver and ultimately into your ears. When you hit the transmit key, the negative-going signal of the key closure starts your oscillator, but it also grounds the base of Q3, driving its collector to V+, which turns on Q2, which in turn grounds the receive line by the collector going to ground potential.

Side note: The series-resonant circuit going to the receiver is a critical

element, and requires some different component values when used on the various bands of the FB40. Here are the component values for the the different bands of operation:

80m: C=56pF , L=36uH, 26T #28 wire on FT37-61 toroid core

40m: C=39pF , L=13uH, 15T #28 wire on FT37-61 toroid core

20m: C=33pF , L=3.9uH, 31T #28 wire on T37-2 toroid core

10m: C=22pF , L=1.4uH, 19T #28 wire on T37-1 toroid core

73,

-- George Heron, N2APB

n2apb@amsat.org in Baltimore, MD

for the NJ-QRP Club: <http://www.njqrp.org>

> I want to use my Sony ICF-PR080 receiver as part of a QRP portable  
> station. However, I need a good, reliable antenna change-over circuit to  
> switch the antenna between the transmitter and receiver. It must be  
> reliable to protect both the receiver and the transmitter.

>

> Does anyone have any suggestions? To the best of my knowledge, no one is  
> producing such a circuit in wired form or as a kit.

>

> Thanks.

>

> Jim Rybak W0KSD

>

-----  
Date: Mon, 3 Jan 2000 22:44:39 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: QRP-L Discussion Group <QRP-L@Lehigh.edu>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [59469] TKS--Spartan Sprint Tonight

Message-ID: <200001032246\_MC2-933B-D5D7@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain;

charset=us-ascii

Content-Disposition: inline

Gang:

Thanks for dropping by tonight during the Sprint. Could only manage 90 minutes due to calendar conflicts, but bagged 42 QSO's, all on 40 Metres. Sorry to several whom I simply could not dig out from the QSB. Maybe next time :-).

Setup was K2 at 5 watts to the 540' horizontal loop at 33'.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

-----  
Date: Mon, 03 Jan 2000 23:36:11 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: henryf@quartz.gly.fsu.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59470] Re: Miniature Keyboards part II  
Message-ID: <387178BA.1BD85333@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you decide to purchase the Keyboard, you will probably want to purchase the \$2 adapter listed immediately below it in the catalog. The keyboard has a 6 pin DIN connector, most PC's have a 5 pin connector.

-----  
Date: Mon, 03 Jan 2000 10:49:46 -0500  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: jmarran@juno.com, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>  
Subject: [59471] RE: SKED WITH DELAWARE FOR QRP WAS...  
Message-ID: <3870C51A.9C254054@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John I'm in the same boat. All I need is Delaware too. If anybody volunteers let me know. If not the Delaware QSO party is set for February 5-6.

Maybe we need to get EPQRP on NJQRP to do a feild op from Delaware sometime as it is a rare state for lots of folks.

--

+++++



T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Mon, 03 Jan 2000 23:49:48 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [59472] Question abt DSP algorithm redux  
Message-ID: <38717BEA.3A81C592@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Received zero replies to my original question. Maybe I posted during a slow weekend?

With the indulgence of fellow list members, I would like to ask for advice one last time. If anyone has the answer, please post to the list. If responses are still sparse, I will can ask around the engineering school and let those interested know what I find.

Tnx

Henry

I have a serious query for all of the EE's on freq.

DSP works by convolving an input signal with a filter operator. The output of this operation should be a waveform that only contains frequencies common to the input signal and the operator.

Let's say my input signal is a 100 hz sine wave (you can autocorrelate it to save computing overhead) and I design my filter so that it consists of a wavelet whose only component is 10 hz (you can widen the filter a bit if you think that ringing will be an issue...the only requirement is that it not contain 100 hz). When I pass my signal through the filter (ie convolve the two waveforms), I will definitely have an output waveform. What will be the freq content of the output....will it be sum and difference freqs? Will any of the original freq components show up in the output?

What am I missing?

Henry

100hz sine wave->->->black box containing 10hz filter  
wavelet->->->output

What is the freq content of the output (ie what would a representation  
of the output signal look like in the frequency domain?)

-----

Date: Mon, 3 Jan 2000 18:24:46 EST  
From: kc8aon@juno.com  
To: plburbank@kih.net, qrp-1@Lehigh.EDU  
Subject: [59473] Re: Re Tech and novice bands  
Message-ID: <20000103.230519.9007.0.kc8aon@juno.com>

That's a lesson that a lot of the "excuse makers" need to learn ! The  
fact that you can learn cw despite handycaps !

Good Post !  
73....Rick McKee  
KC8AON

On Sun, 2 Jan 2000 21:16:03 -0500 Pete Burbank <plburbank@kih.net>  
writes:  
>I got on 40 meter CW one evening and hooked up with a guy with  
>a horrible fist. I toughed out the copy long enough to learn that  
>he had a neurological disease and that was the cause of the fist  
>problem. For me that was a real lesson.  
>73 Pete NV4V

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Mon, 3 Jan 2000 23:37:05 EST  
From: James4296@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59474] Hamfest in Memphis

Message-ID: <0.854e7d04.25a2d2f1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The Dixiefest, 2000, will be held February 12, 13 at the Shelby County building at the Mid-South Fairgrounds in Memphis, Tn.

We are looking for hams who would like to present a forum. Would someone like to do one on QRP? If so, reply to this message.

Also, if you would like more info on the hamfest, check out the hamfest by searching.....Dixiefest.org

Thanks.....Jim, KI4I

-----  
Date: Tue, 04 Jan 2000 00:54:09 -0500  
From: Mike Czuhajewski <wa8mcq@erols.com>  
To: QRP forum <qrp-l@lehigh.edu>  
Cc: Mike Czuhajewski <wa8mcq@erols.com>  
Subject: [59475] January QRP Quarterly on the way  
Message-ID: <38718B01.305F@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I got my advance copies today, which is one of the advantages of being on the inside as a worker or on the management team :-) All of you who subscribe should be getting yours in the mail shortly.

Ah, another great issue from editor Mary Cherry, NA6E :-) Seventy two big pages of meat (plus covers). I remember the not-so-good days of the early 90's when we didn't have a lot of authors and material was in short supply, and we were lucky to run 24 or 32 pages--and that was using large type and lots of white space :-)

One reader survey of the time contained two interesting comments--one was "too many articles by one author", which was directed specifically at me, no doubt, and another was "looks like WA8... personal journal" It was dotted out like that, but not too hard to guess :-) But we printed what little we got, and without my inputs it would have been even slimmer. (And I think it's probably safe to say that none of those people sent in articles of their own!)

But boy, have things changed in QRP in the last several years. Lots more QRP journals, lots more articles everywhere, and the QRP Quarterly has

been a lot fatter in recent years as well. The table of contents in the January issue has 35 entries, with 27 different names/calls listed!

While we're at it, a little plug for the NJ QRP club and their latest project, the SOP receiver kit, which has an announcement on page 32 of the Jan issue. You can also read about it on their web page, at <http://www.njqrp.org/> It's a neat little kit and looks like a lot of fun. And it uses a new, inexpensive diode ring mixer from MiniCircuits, giving better performance than an NE602-based design. It also has some interesting options, one of which is a homebrew enclosure kit using PCB material (precut and drilled). In the April issue of the Quarterly, the Idea Exchange column will contain an N2CX Quickie with some tips about building such enclosures from scratch.

For those of you who are members and want to vote in the Board of Directors elections, the ballot appears in the January issue. You can cut it out, photocopy it, or even vote online through the QRP ARCI web site ([www.qrparci.org](http://www.qrparci.org)), although there isn't a link there just yet.

The January 2000 QRP Quarterly--another excellent issue from a large collection of authors and columnists, put together by editor Mary Cherry, NA6E, keeping the same high standards set by former editors KU7Y and N2APB. (If interested in joining/subscribing, please check the QRP ARCI web site.)

--

73 and Queue Our Pea de WA8MCQ      [wa8mcq@erols.com](mailto:wa8mcq@erols.com)  
Former president, QRP ARCI

-----  
Date: Tue, 04 Jan 2000 01:16:31 -0500  
From: Pete Burbank <[plburbank@kih.net](mailto:plburbank@kih.net)>  
To: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [59476] Re: Snakes on e-Bay  
Message-ID: <3.0.32.20000104011627.00718430@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>> manual for this item for sale seperately. Let's see, how can I really  
>soak  
>> 'em for this thing? Oh wait, let's charge some exhorbant price for the  
>> manual! After all, it's RARE! LOOK AT THIS! It's worth a MILLION  
>DOLLARS!  
>>  
>> Where are the Yellow Sheets when you really need them?  
>>  
>> 72

>>  
>> Howard Kraus, K2UD  
>> Real Extra  
>> Real 20 wpm sent  
>> Real 20 wpm received  
>> In front of a Real FCC examiner  
>> I'm not an OF, but I'm working on it

Hang in there Howard! 99.9% of the hams I have known were very generous and ethical. Selling a piece of gear and the manual separately seems pretty low life to me also.

73 Pete NV4V

-----  
Date: Tue, 4 Jan 2000 06:05:39 EST  
From: DaveLeDuc@aol.com  
To: qrp-l@lehigh.edu  
Subject: [59477] FS: HW-9  
Message-ID: <0.d20f0fc7.25a32e03@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I have a nonfunctioning HW-9 for sale with manual. Good deal for someone who has the time and some test equipment.

\$110 plus shipping.

73 Dave K1EPJ

-----  
Date: Tue, 4 Jan 2000 19:14:56 +0800  
From: "Sly (9M8SL)" <cqsly@tm.net.my>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59478] ANT 101: Feeding ZS6BKV with 300 Ohms TV Ribbons?  
Message-ID: <20000104111456.CTU8456@user>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Happy New Year 2000 to all !!!

I need help on the dimensions of the ZS6BKV which is to be fed with 300 Ohms Tubular TV Ribbons.

I remember reading somewhere how this modified-G5RV called 'ZS6BKV' is being fed with 450 Ohms ladderline for a satisfactory all bands operations of something like 80 to 10 meters. However, the feeders

are 450 Ohms. We do not have the 450 Ohms ladderline and/or 450 Ohms ribbons here, so I was thinking of using 300 Ohms Tubular TV ribbons instead to feed the soon to be up ZS6BKV for use at QRP level. Does anyone has any information on the redimensions of the ZS6BKV antenna for 300 Ohms TV Ribbons feeders?

Any kind of help on this topic would be deeply appreciated. My advance thanks to all who read and respond to this plea.

Vy 72/3 to all on the list ,  
Sylvester (Sly) Liew, 9M8SL  
Sarawak, East Malaysia.  
On "The Hidden Paradise Of Borneo".

-----  
Date: Tue, 4 Jan 2000 06:19:55 EST  
From: DaveLeDuc@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59479] Re: FS: HW-9  
Message-ID: <0.9320de40.25a3315b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

HW-9 is sold.  
Thanks Dave

-----  
Date: Tue, 04 Jan 2000 06:24:55 -0500  
From: "C. Lamar Derk" <n3at@no1n.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59480] Happy Dance!  
Message-ID: <3871D887.2242E818@no1n.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Joined the happy dance crowd yesterday - got my new DSW 80 working and on the air. Made a contact last nite with Virginia, and this morning worked a fellow ham in Iowa - a good haul for 80 meters. This DSW 80 is a hot little rig - went together without any problems. Dave Benson deserves a lot of credit for the kits he is producing.

73 de Lamar, N3AT

-----  
Date: Tue, 04 Jan 2000 03:40:28 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59481] "Atomic" Clock - Failure  
Message-ID: <007801bf56a8\$7fc87000\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

I bought one of the WWV LCD clocks in the group buy a short while back. Nice looking clock that seemed to work well...until just now...

I glanced at it this evening and saw that the LCD was totally blank. Oh well, I thought, maybe the batteries are shot already.

Measured them and found them to be tip-top brand new still. Not the batteries.

Played with resetting the clock, pushing buttons at random etc. all to no avail - the clock beeps at me once shortly after the batteries are inserted, then....nothing.

Anyone else had this? Looks to me like I have an expensive piece of junk on my hands now. What was the guarantee, I forget and can't find the paperwork now?

72, Dave Fifield, AD6A

-----  
Date: Tue, 4 Jan 2000 06:40:55 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: "C. Lamar Derk" <n3at@noln.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59482] DSW 80 !?!!  
Message-ID: <Pine.OSF.4.20.0001040638430.29525-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Say it ain't so!!! I begged Dave to make an 80M version of that rig

and I was promised one of the first ones! I didn't even know it was available yet!!!

sheeze... I get no respect...

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Tue, 4 Jan 2000 05:05:41 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <resmith666@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59483] Re: Snakes on e-Bay  
Message-ID: <000f01bf56ac\$06b126e0\$21de070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If I was charged extra for the manual you can bet the farm the guy would loose the sale 72 Cal KF7ET Idaho

----- Original Message -----

From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, January 03, 2000 8:39 PM  
Subject: Re: Snakes on e-Bay

> > Sorry, I disagree on this one. If I have an item that will sell for \$125

> > without a manual and \$150 with a manual, and I can sell the manual

> > separately for \$50, then financially I am ahead by selling them

> separately.

> > That's not snake oil. That's just mathematics.

>

> A hissssss by any other name still bites !!!

>

> MHO

>

> Ron Smith - KD7VD - Boise, Idaho

>

>



-----  
Date: Tue, 4 Jan 2000 07:21:43 -0500  
From: Allen Randy <Allen\_Randy@prc.com>  
To: "'kc8aon@juno.com'" <kc8aon@juno.com>, "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>, "'tjmc@erols.com'" <tjmc@erols.com>  
Subject: [59484] DC-DC Converter  
Message-ID: <689A85152B76D311B9CE0090279842FE37B62A@mc15.prc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

On Sun, 2 Jan 2000 14:44:58 -0500 Tom M <tjmc@erols.com> writes:  
>Looking for a DC to DC curcuit...

Tom, you might consider using a DC-DC converter which can step up your 12 VDC supply to 15 VDC at 1-2 amps. Folks like Astrodyne sell these little beasts for about \$50.00 in the 1 amp range.

The other possible solution is to get a 12VDC adapter for your 15VDC laptop (same principle, but already assembled for you). These typically run around 80 bucks, and are used on airplanes that feature 12 VDC sockets at the seats.

73, N4TVC, Randy Allen

-----  
Date: Tue, 4 Jan 2000 07:22:32 EST  
From: Shephed@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59485] Re: Snakes on e-Bay  
Message-ID: <0.b1b8a6f8.25a34008@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 01/03/2000 5:42:35 PM Eastern Standard Time, K2UD@aol.com writes:

> I love it! You see an item for sale on e-Bay, then the same guy has the  
> manual for this item for sale seperately. Let's see, how can I really  
soak  
> 'em for this thing? Oh wait, let's charge some exhorbant price for the  
> manual! After all, it's RARE! LOOK AT THIS! It's worth a MILLION  
DOLLARS!

>  
> Where are the Yellow Sheets when you really need them?  
>  
> 72  
>  
> Howard Kraus, K2UD  
> Real Extra  
> Real 20 wpm sent  
> Real 20 wpm received  
> In front of a Real FCC examiner  
> I'm not an OF, but I'm working on it

I know just how you feel.

I'm collecting old Commodore computer stuff (an old love of mine) and several times I have seen items listed then a few items later you see the power supply, or the cable, ect.

I get these peoples e-mail and let them know how I feel, I doubt if it makes a difference, but at least I feel better. Also, leave an unkind word in their feedback.

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

-----  
Date: Tue, 4 Jan 2000 07:23:09 EST  
From: Wa3ptg@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59486] RE: Snakes on e-Bay  
Message-ID: <0.617a921a.25a3402d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Come on guys, the marketplace rules. It doesn't matter if it's a little village market or the Stock Exchange, the rules are the same. To expect an auction to be "nice," or to demand it follow some set of ethical standards other than to demand the seller deliver what is described, is unrealistic. Give it a rest. Thanks.

72

WA3PTG

Harry (Hap) Hurst

Wilmington DE

-----

Date: Tue, 4 Jan 2000 06:47:33 -0600  
From: Karl Kanalz <KKanalz@excel.com>  
To: "'K2UD@aol.com'" <K2UD@aol.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59487] RE: Snakes on e-Bay  
Message-ID: <2D343922E283D211945C0008C7A41B2A013102D4@adntex01.adsn.dal.excel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Afraid that the Yellow Sheet is gone, but there remains "Ham Radio  
Trader".....

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: K2UD@aol.com [mailto:K2UD@aol.com]  
Sent: Monday, January 03, 2000 4:41 PM  
To: Low Power Amateur Radio Discussion  
Subject: Snakes on e-Bay

I love it! You see an item for sale on e-Bay, then the same guy has the manual for this item for sale seperately. Let's see, how can I really soak 'em for this thing? Oh wait, let's charge some exhorbant price for the manual! After all, it's RARE! LOOK AT THIS! It's worth a MILLION DOLLARS!

Where are the Yellow Sheets when you really need them?

72

Howard Kraus, K2UD  
Real Extra  
Real 20 wpm sent  
Real 20 wpm received  
In front of a Real FCC examiner  
I'm not an OF, but I'm working on it

-----

Date: Tue, 4 Jan 2000 07:43:01 -0500  
From: wa8jpr@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [59488] Hobby  
Message-ID: <20000104.080459.-414731.2.WA8JPR@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gee and I thought that Ham Radio was a hobby. I guess , after reading of many of the dire results that are sure to come with the restructuring, I must be wrong. Must be a total way of life. Maybe I should get out and find out what is really going on in the world. NAA, I think I will stay where I am and enjoy my hobby for what it is, my hobby to enjoy as I chose.

Tnx es 72, 73

Bill, WA8JPR Fists 3125

-----  
Date: Tue, 04 Jan 2000 06:35:14 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [59489] RE: Snakes on e-Bay  
Message-ID: <3871E902.710B4284@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Stunts like that - selling the equipment and manual separately - will give the manufacturers something new to try. How would you like to get your new rig with no operating manual or tech info, and with hint of obtaining proper operation. I think there it would be buyer's choice - no manual included, no sale.

73

Ray

--  
"The more I see of the representatives of the people,  
the more I admire my dogs."  
letter from Count d'Orsay to John Foster 1850

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2  
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

-----  
Date: Tue, 4 Jan 2000 08:30:47 -0800  
From: "David Benson" <nn1g@earthlink.net>  
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59490] KITS: Re: DSW 80 !?!?!  
Message-ID: <000901bf56d1\$2f31a700\$4791173f@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Paul R. Valko <prvalko@oakland.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Tuesday, January 04, 2000 3:42 AM  
Subject: DSW 80 !?!?!

>  
>Say it ain't so!!! I begged Dave to make an 80M version of that rig  
>and I was promised one of the first ones! I didn't even know it was  
>available yet!!!

Paul-

My apologies- in the back of my mind, I thought you had one already.  
Your message has been on my desktop ever since we last corresponded, but  
I've been remiss in not following through. Since that time, I have never  
kept up with demand; my backlog on that product has been running at least  
two weeks. As soon as I do get caught up, I'll send you a DSW-80 and bill  
you as you requested.

and company-

DSW kits should resume shipping on Monday- the long-awaited DDS ICs  
finally arrived and boards are scheduled to ship to me on Friday. I have  
quite a few orders - and kits- stacked up and will get them out as rapidly  
as possible- thanks to all for your patience.

Thanks for the commercial bandwidth-

72/73- Dave Benson, NN1G  
Small Wonder Labs

-----  
Date: Tue, 4 Jan 2000 08:53:15 -0500  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [59491] PRIDE  
Message-ID: <20000104.085323.-161685.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hello Group

Egos out of control ? Maybe.

What about our pride ?  
I took my exam in front of a real FCC examiner.  
NOT said with arrogance or conceit,  
but PRIDE,  
it goes with the territory of incumbency.

What would happen if  
the Wright Flyer (DECEMBER 1903)  
had been immortalized like CW ? . . .

. . . Apollo 11 may have flown in  
. . . JULY 2069 . . . . .

I vote . . .  
grow  
Amateur Radio  
with pride.

John  
N3AAZ  
FM19xa

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 04 Jan 2000 07:05:25 -0700  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: henryf@quartz.gly.fsu.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59492] Re: Question abt DSP algorithm redux  
Message-ID: <3871FE24.A7BC2938@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Henry

An answer to your DSP question is probably beyond most of us. May I suggest  
that you check out the sci.electronics.design newsgroup. I am quite sure

there are some folks on that list that can help you out. Please let me know what you find out.

Bruce kk7zz

-----  
Date: Tue, 4 Jan 2000 08:10:24 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59493] Re: Re Tech and novice bands  
Message-ID: <038401bf56be\$dce603e0\$9001a8c0@wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think it's even more generic than that.

There's no excuse for "CW elitism" on the bands. You don't know why the guy may not be 'as good as you'. It could be a handicap. It could just be that he's new.

In BOTH cases, make the contact. Tough it out. If it's something like a handicap, hey, you'll have the warm fuzzies when it's over. A REALLY GOOD warm fuzzy! And if it's a newbie, just not good yet, you've done the hobby your good deed, as opposed to giving it a black eye and turning someone off to CW.

You don't have to play long, just play 'enough' and be polite.

But I have to say, you won't find out some handicapped people are handicapped. Growing up with a family member who was stricken with polio in the 50's, I learned he was handicapped only from others. He refused handicapped plates for his car, because he said they didn't do any good. He could have gotten a permit to actually hunt from his car, but he never did (although he DID bend the rules a bit, but throwing a furniture pad over the hood and laying on it). And once when he got a deer at about 100 yards, he managed to get through the woods to it (canes and all) and found another hunter who 'claimed' it. He just went back and got another. (Some other hunters found out about that, and I don't think that hunter will ever pull that stunt again!) The bottom line is he'd 'bend' the rules a bit to accomodate himself, but he'd NEVER declare himself 'handicapped'.

Mike

> That's a lesson that a lot of the "excuse makers" need to learn ! The  
> fact that you can learn cw despite handycaps !  
>  
> Good Post !  
> 73....Rick McKee  
> KC8AON  
>  
> On Sun, 2 Jan 2000 21:16:03 -0500 Pete Burbank <plburbank@kih.net>  
> writes:  
> >I got on 40 meter CW one evening and hooked up with a guy with  
> >a horrible fist. I toughed out the copy long enough to learn that  
> >he had a neurological disease and that was the cause of the fist  
> >problem. For me that was a real lesson.  
> >73 Pete NV4V  
>  
>  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>

-----  
Date: Tue, 4 Jan 2000 08:42:41 -0600  
From: Clifton W Sikes <ab5uacw@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [59494] HB: TiCK-4 chip gone nuts.....the solution!  
Message-ID: <20000104.084242.6654.1.ab5uacw@juno.com>

Last week I told you about my TiCK-4 going bonkers. One day it worked fine, and the next day, it's little 8 pin brain was scrambled. The paddles had been reversed, and no way could I get them changed back. Holding the button, and running through the menu gave me wierd characters, that are not part of the menu. An e-mail to Gary, at Embedded Research, gave me the solution. Read the instructions! Did you know that on page 4, item 4, there is a reset procedure? Well, there is, and it works. If your TiCK-4 ever acts up, try the reset first. Thanks to Gary and Brad for some amazing products.

We still don't know exactly what caused this to happen, but if I find out, I will let the group know. We have had very dry weather here, and get a good static zap



each time you enter or exit vehicles. This keyer was the one I use mobile, so that may be it. Have fun on the bands!

Clif AB5UA  
Earlsboro, Ok ( east of OKC )

-----  
Date: Tue, 4 Jan 2000 08:53:34 -0600  
From: Guy Dragoo <GDRAG@proedge.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [59495] 9v NMH Battery Source  
Message-ID: <B13A99FB1E2FD311816D00805FBB10B609234D@www.premiumware.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Does anyone on the list know of a discount source for the 9v Nickel Metal Hydride batteries?

I have found them locally (Radio Shack.com for 4 or 5 bucks) but I am going to purchase several and was hoping to find a discount mail order source for these as well as NMH C and D cells. I have purchased at hamfest the AA cells for a buck or 2 and figure that there is probably a discount source available for the other size cells as well.

Thanks and 73  
Guy AC5HL

-----  
Date: Tue, 4 Jan 2000 09:32:39 -0600  
From: "Bill Allen" <bill@pcatexas.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59496] Solar Ham  
Message-ID: <00d001bf56c8\$f22dd0c0\$356840ce@bill.ou-town.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang!

I am giving thoughts to how I want to set up my QRP rig when it is all done. I really want to go completely portable with it. Maybe put it in a briefcase to carry about. It is going to be a DSW-40. I think it would be cool to have a battery to run it off of and a solar panel to charge it up or run it directly. Would a panel be available that could do this that would be small enough to go in a brief case with the rig?

: -)

73

kc5adf

Bill Allen

-----  
Date: Tue, 4 Jan 2000 11:02:12 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: David Benson <nn1g@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59497] Re: KITS: Re: DSW 80 !?!?!  
Message-ID: <Pine.OSF.4.20.0001041059150.3709-100000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 Jan 2000, David Benson wrote:

> My apologies- in the back of my mind, I thought you had one already.

No problem Dave. I must have missed your announcement that the kit was ready to ship. You know, I've been hitting the "D" for DELETE key on a LOT of QRP-L messages lately...

> two weeks. As soon as I do get caught up, I'll send you a DSW-80 and bill  
> you as you requested.

Nuts... thought I'd get a free one.

If you just want to send it with an invoice, I'll pay on arrival, if you want a Master Card number let me know.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Tue, 4 Jan 2000 08:08:51 -0800  
From: Dave Barrett <DBarrett@creo.com>

To: "'QRP-L'" <qrp-1@Lehigh.EDU>, "'elecraft@qth.net'" <elecraft@qth.net>  
Subject: [59498] O.T...WM2 PEP circuit needed.....  
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE60118700E@msgcreo3.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi All, a while back I saw a circuit to modify the WM2 wattmeter to PEP reading but seem to have lost the link, Please if anyone has info email me direct...Thanks

Dave VE7PCC Vancouver BC Canada

-----  
Date: Tue, 04 Jan 2000 08:24:24 -0800  
From: Allan G Taylor <agtaylor@ix.netcom.com>  
To: qrp-1@lehigh.edu  
Subject: [59499] WTB: RedHot NC20, built or unbuilt  
Message-ID: <38721EB8.896@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would like to buy a RedHot Radio NC20 as either kit or built up. Not bargain hunting here...willing to pay full fare. Unfortunately they are not currently in production.

73, all

Allan K7GT

agtaylor@ix.netcom.com or agtaylor@llnl.gov

-----  
Date: Tue, 4 Jan 2000 11:32:39 -0500  
From: "Charlie Fitts" <cfitts@neca.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59500] Re: Solar Ham  
Message-ID: <200001041634.LAA10488@orion.neca.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Bill -

I have a half amp Solarex panel mounted outside that I use to keep my gel cells charged. Many QRP rigs only draw about half that on xmit so in bright sun there should be plenty of power there. It measures maybe a little under a foot by a little over a foot. Your only problem if you decide to use a panel without a battery to regulate the voltage is that they put out about 20 volts with no load attached. That might be enough to fry your rig.

But if you were interested in camping, you might decide to bring along a small battery to power your LED lighting system at night. Just for fun, I just made up a small 12V LED light system using the super bright yellow LED's and a small piece of perf board. It uses 20 LED's and draws about 65 mA. It makes enough light to read by (maybe as much as a bright candle or a little more) and a small battery would power it for days (or nights). Some kind of charge regulator would be a good idea too so you don't cook your battery. If you had only a quarter amp panel, a 5 watt 14 volt Zener might make a good cheap charge controller. Or if 14 volts seems a little high, maybe a 13 volt zener in series with a rectifier diode to give you around 13.7 volts.

73 -

Charlie Fitts, N1EI

-----  
Date: Tue, 4 Jan 2000 08:48:04 -0800  
From: Dave Barrett <DBarrett@creo.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>, "'elecraft@qth.net'" <elecraft@qth.net>  
Subject: [59501] O.T..WM2 Mods, Got it already....Thanks Pat (VE6AAN)  
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE601187010@msgcreo3.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Thanks Pat.....boy this list never ceases to amaze me, post a question and the answers are forthcoming immediately :-)

Pat points out that WM2 mods to allow PEP measurements are available at:  
<http://www.qrparci.org/east/east.htm>

Dave VE7PCC Vancouver BC Canada

-----  
Date: Wed, 5 Jan 2000 01:08:02 +0800

From: "Sly (9M8SL)" <cqsly@tm.net.my>  
To: qrp@email.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59502] Re:  
Message-ID: <20000104170802.RASD22748@user>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Kory, Roger & Gang,

I'm vy impressed!!!  
Great sporting spirits shown by both of U today.  
If all of us have such spirits, the world will be a better place.  
Nice gestures for the New Millennium.  
Vy 73 de Sly, 9M8SL

At 06:39 PM 1/3/00 -0500, you wrote:  
>I accept Kory Hamzeh's apology without hesitation.  
>  
>We all have a right to our emotions and being human.  
>  
>72s  
>  
>Roger J. Wendell  
><http://www.rwendell.com>  
>WBOJNR  
>  
>  
>  
>\_  
>-----  
>FREE! The World's Best Email Address @email.com  
>Reserve your name now at <http://www.email.com>  
>  
>  
>

-----  
Date: Tue, 4 Jan 2000 11:46:16 -0500  
From: "Stephen D. Cohen" <scohen@xps.xybion.com>  
To: qrp-1@lehigh.edu  
Subject: [59503] CLUB: WestFLA Meeting This Saturday, 8 January 1999 - SPECIAL GIVEAWAY!!  
Message-ID: <E125XTu-0004eB-00@dfw-smtpout4.email.verio.net>  
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club will be held this Saturday, the 8th of January 2000 at 10AM. The meeting will run until folks have had enough. This meeting will feature a special giveaway outlined below.

The WestFLA meetings run using the NorCal model, to wit, no new business, no old business, no business at all! It will simply be a meeting of like minded people to discuss QRP, homebrewing, kit building and the sort. As such, it is vitally important that people have things to discuss. Please bring a current project, special rig, piece of test equipment or some such to demonstrate and describe to your fellow ham. Perhaps something that Santa dropped under your tree.

As usual, coffee and donuts will be provided. A selection of door prizes will also be awarded, based on what members bring to give away. If you've got a treasure sitting in the junk box that you do not expect to use any time soon, why not bring it along for a door prize? We currently have a "Six-pack" kit to give away, along with some QRP specific books.

In addition to the door prizes, this month we have a special gift for every meeting attendee. Gary Diana, N2JGU of Embedded Research fame has provided us with enough DIP (not surface mount, good old through-hole) TiCK-3 Keyer Chips and data sheets for everyone. Stop by the meeting, get a TiCK-3 chip and data sheet and you have a nice project for one of those Altoids tins littering your junk box. Maybe if we are lucky, Mike M. will lead us in constructing a basic keyer using manhattan construction. Many thanks to the nice folks at Embedded Research (Gary and Brad) for providing these chips.

As usual, I will bring a selection of test equipment to the meetings to help folks with alignment and troubleshooting of their projects. I will have an oscilloscope, a counter and a signal generator with me.

Mike Maiorana, KU4QO will also continue to lead us in our Manhattan construction project. As many of you will recall, we built a rather simple LC oscillator last month. This month I believe that Mike plans to help us stabilize the beasts and to add some sort of tuning control. Don't forget to bring your soldering tools so that you can construct along with the rest of us.

"So, Steve", you say, "Enough of the shuck and jive... Where is the place?". An excellent question. The TARC clubhouse is located in Tampa Florida. The directions to the clubhouse are:

Take I-275 North or South to the Sligh Exit. Once on Sligh, go east to 22nd Street. Turn left on 22nd Street and go the the very end. Once you are at the end of the street, the clubhouse is on your right next to the ball field. It will be obvious from the tower and antennas.

From north of Tampa, take route 75 south to 275 then follow the above directions.

From south of Tampa, take route 75 north until you get to route 4 west which runs into route 275. You have a choice at 275, and you want to go north on 275 from route 4 and follow the above directions.

From the east, take route 4 west until you run into 275 then take 275 north from there and follow the above directions.

There will be a talk-in on the 147.105(+) N4TP repeater. Just give us a holler if you get lost.

These directions are also available on the TARC web page at <http://www.qsl.net/w4dug/way.htm> which is also linked from the WestFLA web page at <http://www.qsl.net/westfla>.

Questions should be forwarded to [westfla@qsl.net](mailto:westfla@qsl.net).

73,

Steve, N30IE

-----  
Date: Tue, 4 Jan 2000 11:11:40 -0600  
From: "Bill Allen" <[bill@pcatexas.com](mailto:bill@pcatexas.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [59504] Re: Solar Ham  
Message-ID: <[00eb01bf56d6\\$c72bf4c0\\$356840ce@bill.ou-town.com](mailto:00eb01bf56d6$c72bf4c0$356840ce@bill.ou-town.com)>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Charlie,

Thanks for the great ideas! I'll deffinatly have to give the LEDs a try for some emergency/camping lighting.

I'll check out Solarex. About what was the cost of the panel you have?

: -)

73  
kc5adf  
Bill Allen

-----Original Message-----

From: Charlie Fitts <cfitts@neca.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Tuesday, January 04, 2000 10:36 AM  
Subject: Re: Solar Ham

>Hi Bill -

>

>I have a half amp Solarex panel mounted outside that I use to keep my gel  
>cells charged. Many QRP rigs only draw about half that on xmit so in  
>bright sun there should be plenty of power there. It measures maybe a  
>little under a foot by a little over a foot. Your only problem if you  
>decide to use a panel without a battery to regulate the voltage is that  
>they put out about 20 volts with no load attached. That might be enough to  
>fry your rig.

>

>But if you were interested in camping, you might decide to bring along a  
>small battery to power your LED lighting system at night. Just for fun, I  
>just made up a small 12V LED light system using the super bright yellow  
>LED's and a small piece of perf board. It uses 20 LED's and draws about 65  
>mA. It makes enough light to read by (maybe as much as a bright candle or  
>a little more) and a small battery would power it for days (or nights).  
>Some kind of charge regulator would be a good idea too so you don't cook  
>your battery. If you had only a quarter amp panel, a 5 watt 14 volt Zener  
>might make a good cheap charge controller. Or if 14 volts seems a little  
>high, maybe a 13 volt zener in series with a rectifier diode to give you  
>around 13.7 volts.

>

>73 -

>

>Charlie Fitts, N1EI



-----  
Date: Tue, 04 Jan 2000 12:14:28 -0500 (EST)  
From: Rich Mulvey <mulveyr@iname.com>  
To: qrp-l@lehigh.edu  
Subject: [59505] RE: PRIDE  
Message-ID: <XFMail.20000104121428.mulveyr@iname.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

On 04-Jan-2000 John R Kirby wrote:

> Hello Group  
>  
> Egos out of control ?   Maybe.  
>  
> What about our pride ?  
> I took my exam in front of a real FCC examiner.  
> NOT said with arrogance or conceit,  
> but PRIDE,  
> it goes with the territory of incumbency.  
>

This is probably going to sound like a flame, but it really isn't.

Many people - including myself - couldn't care less about what sort of license you have, when you got it, or whether you had to walk 30 miles barefoot in a blinding snowstorm and then write the answers to the test in blood. The test you took is *\*completely\** irrelevant, and it makes no difference whether you took it in front of an FCC examiner with a whip in one hand and a pentode in the other, or whether you got it in front of a VE last month. If you take pride in the paper on your wall, that's fine - just don't expect anyone to be impressed by it.

If there's one thing in life that I've learned, it is that passing a test proves very, very little about how much you actually know about the subject. Correspondingly, the longer ago that you did something has the curious effect of inflating the perceived importance of what you did.

Your pride should be in how you *\*use\** the privileges you gained once you got your license. Do you advance the state of the art? Do you foster international goodwill? Do you use your skills to help your community?

Personally, I consider the Tech who got his license a year ago who owns a YaeComWood 2M HT and uses it to assist in the local Special Olympics to be far,

far superior to the Extra who has a basement full of homebrew gear but does nothing more than call CQ CONTEST all weekend and expects to be respected because of a 40-year-old piece of paper on the wall.

- Rich

-----  
Date: Tue, 04 Jan 2000 11:15:38 -0600  
From: "George T. Baker" <w5yr@worldnet.att.net>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59506] Re: Snakes on e-Bay  
Message-ID: <38722ABA.FCDB0276@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray, I think that most new rigs sold today are provided with only the barest of operating instructions and virtually no technical material, certainly not even a schematic. If one believes the doomsayers, soon there will just be a small card saying "plug it in and throw the switch."

72/73, George  
Fairview, TX 30 mi NE Dallas in Collin county  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
R/C since 1964 - AMA 98452 RVing since 1972

Ray Colbert wrote:

How would you  
> like to get your new rig with no operating manual or tech  
> info, and with hint of obtaining proper operation.

-----  
Date: Tue, 04 Jan 2000 10:21:28 -0700  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: mulveyr@iname.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59507] Re: PRIDE  
Message-ID: <38722C17.A7FA44AB@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rich Mulvey wrote:

> Personally, I consider the Tech who got his license a year ago who owns a  
> YaeComWood 2M HT and uses it to assist in the local Special Olympics to be far,  
> far superior to the Extra who has a basement full of homebrew gear but does  
> nothing more than call CQ CONTEST all weekend and expects to be respected  
> because of a 40-year-old piece of paper on the wall.

Thanks Rich

I was beginning to think we were all losing touch with what is really important about amateur radio.

Bruce kk7zz

-----  
Date: Tue, 04 Jan 2000 10:24:05 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: myetsko@insydesw.com  
Cc: qrp-l@lehigh.edu  
Subject: [59508] Re: Re Tech and novice bands  
Message-ID: <200001041722.KAA19162@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:10 AM 1/4/00 -0500, you wrote:

>I think it's even more generic than that.

>

>There's no excuse for "CW elitism" on the bands. You don't  
>know why the guy may not be 'as good as you'. It could be a  
>handicap. It could just be that he's new.

>

>In BOTH cases, make the contact. Tough it out. If it's something  
>like a handicap, hey, you'll have the warm fuzzies when it's over.  
>A REALLY GOOD warm fuzzy! And if it's a newbie, just not good  
>yet, you've done the hobby your good deed, as opposed to  
>giving it a black eye and turning someone off to CW.

>

>You don't have to play long, just play 'enough' and be polite.

Too true! Maybe what we need is a contest with QSO Points set so that contacts with N/T ops got 5 points, General/Advanced 2 points, and Extras 1 point. Might slow the contest speeds a bit, but sure would draw the 'low speed' operators into the contest arena.

Bob Hightower KI7MN  
Chandler, AZ

<http://www.extremezone.com/~ki7mn>

-----  
Date: Tue, 4 Jan 2000 11:32:28 -0600  
From: "Bill Allen" <bill@pcatexas.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59509] Re: PRIDE  
Message-ID: <010601bf56d9\$af790860\$356840ce@bill.ou-town.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Rich Mulvey <mulveyr@iname.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Tuesday, January 04, 2000 11:15 AM  
Subject: RE: PRIDE

>  
> Personally, I consider the Tech who got his license a year ago who owns  
> a  
> YaeComWood 2M HT and uses it to assist in the local Special Olympics to be  
> far,  
> far superior to the Extra who has a basement full of homebrew gear but does  
> nothing more than call CQ CONTEST all weekend and expects to be respected  
> because of a 40-year-old piece of paper on the wall.  
>  
>- Rich

AMEN

73  
kc5adf  
Bill Allen

-----

Date: Tue, 4 Jan 2000 17:51:54 -0000  
From: "Walt Amos" <waltamos@surfree.com>  
To: <tjmc@erols.com>  
Cc: "Qrp-l Posts" <qrp-l@lehigh.edu>  
Subject: [59510] 15 v ?  
Message-ID: <002801bf56dc\$74a61ae0\$72891b26@walthk8cv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom:

I thought you wanted something that put out high amps? B.G. Micro sells a Dell laptop switching power supply for \$6.95 and it puts out 16 volts and you can turn it down to 14.3 Volts where I run it but you could stop at 15 volts. To get it apart pry out the rubber feet and a rubber hole plug in the center and take out the 5 screws and it will come open. There is a POT near the output lead and just turn that to whatever output voltage you want. It is rated at 2.3 amps but look hefty enough for around 5 amps and a small 12 volt fan on it would get even more out. That kind of current might call for totally replacing the output wires with something heavier like # 18 or even #16 stranded wire and keep it short. I use the same cable that came with it but only about 6" and go into a multiple RCA jack setup I also got from B.G. Micro for 50 cents ( it has 6 RCA jacks in a plastic block. I put them in a Altoids tin. :- ) Sure can't beat the price! It is big , 10"L X 3"H X 4"W 120 /220 ac input.

Walt K8CV Royal Oak, Michigan K-2, original knob and I sneak out to the shack late at night and worry about the PA option!

B.G. Micro            1-800-276-2206

item # PWR1059

<http://www.bgmicro.com/>

Walt K8CV Royal Oak, Michigan K-2, original knob and I sneak out to the shack late at night and worry about the PA option!

-----

Date: Tue, 4 Jan 2000 11:49:16 -0600  
From: "Nathan Gordon" <nathang@bigfoot.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [59511] Restructuring: was Re: Re Tech and novice bands  
Message-ID: <003d01bf56dc\$13c5fec0\$0401a8c0@ramphome.com>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob Hightower writes:

Too true! Maybe what we need is a contest with QSO Points set so that contacts with N/T ops got 5 points, General/Advanced 2 points, and Extras 1 point. Might slow the contest speeds a bit, but sure would draw the 'low speed' operators into the contest arena

-----

Just wait 3 1/2 months and all the Extras will be at 5WPM. In another 5 years or so, I predict either CW contesting will die, or the average speed will drop to 10-20wpm.

Soon there will be no excuse for anyone who wants full HF access to get it.... but we will still hear complaints! --- Just wait....

73  
Nathan KF9LI  
Always a Know-Code ham

-----

Date: Tue, 04 Jan 2000 09:55:20 -0800  
From: Ed Loranger <we6w@netzero.net>  
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>  
Subject: [59512] Spartan Sprint/ QRQ Net/Norcal/ARKansas QRP test.  
Message-ID: <38723408.81DC615B@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang, sorry for the busy email title. Thought I'd save and put them together.

QRQ Net and Norcal Net last Sunday:

Had a modest showing for the Norcal net, K7TQ and KN6YD. We thought we heard K6RPN/Doug in Grass Valley, CA but not found on future CQ's. The net was short and sweet but suprisingly fun even with the 3 of us. We QRT at 0230Z.

QRQ Net: Started at 0300Z and was immediately obvious 40 Meters was totally hosed. K7TQ and I QSY'd to the 80 Meter backup frequency at 3579 KHz and were greeted to NB6M/Wayne already calling for QNI's to the QRQ net. The 3 of us had many rounds before Randy/K7TQ in Idaho had to QRT due to QRN but not before reaching about 28 WPM as I could tell -- a great improvement for him -- Way to go Randy!

Wayne had brought his touch paddles to the table for this one and was getting a great workout. His internal keyer peaked at 36 WPM so he just stayed there. I ran up to 40 WPM with good results and less spacing between characters and even had a decent ragchew at the end at 38 WPM with Wayne. A true accomplishment for me that I couldn't even believe it. I just kept sending "Wow!", but perhaps that is because it was easier to send at 38 Wpm... Har! Seriously, we done gud!

Arkansas QRP QSO challenge (Millennium cup :)  
Well, it has been a full year and a couple of days, which is the scheduled time for this little contest. Don't EVEN suggest I send in my logs! Har! I'll quietly not submit anything, but suffice it to say that I now have 2,477 QSO's, all at 5 WAtts or less and 90% on 40 meters for the 1999 challenge.

Thanks go to the Arkansas QRP Club Idea dreamers who offered up the challenge. It was fun to track everything.

Happy New Year to each and every one on what is truly the best email list ever -- QRP-L.

72/Ed we6w

--

72/Ed we6w; AR Millennium Q's=>2477/2000 A-1 OP  
<http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 L#1068 NC#2227

-----  
NetZero - Defenders of the Free World  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>

-----  
Date: Tue, 04 Jan 2000 11:58:54 -0500  
From: "W5TB - 'Doc' Drake" <w5tb@softhome.net>  
To: <bill@pcatexas.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [59513] Re: Solar Ham  
Message-ID: <B49790FD.26BC%w5tb@softhome.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

on 1/4/00 10:32 AM, Bill Allen at bill@pcatexas.com wrote:

> I think it would be  
> cool to have a battery to run it off of and a solar panel to charge it up or  
> run it directly. Would a panel be available that could do this that would  
> be small enough to go in a brief case with the rig?

Hi Bill -- I use a 7ah gel cell and a small solar charger available from  
radio shack :

Solar Panel Battery Charger    Cat.#: 980-0561                    \$32.99

It's also available from

<http://www.bam.net/innovation/bspl.htm>)

I just leave the charger on a south facing windowsill and connected to the  
gel cell during the week. I find it fully charges in a few days (maybe  
sooner?) never overcharges and will easily operate a QRP rig all weekend  
(maybe longer?)

Both the charger and battery fit into a briefcase with the rig and antenna  
just fine. I soldered a 12v 'cigarette lighter' outlet to the lugs of the  
battery and secured it with duct tape (high tech huh?) to make it a great  
compact portable 12v source.

73   T.E. 'Doc' Drake   W5TB

Arlington, TX        w5tb@arrl.net    <http://www.qsl.net/w5tb/>  
QRP-ARCI # 3252   NORCAL #1002   QRP-L #673   FISTS # 5365  
ARRL Life Member

-----



Date: Tue, 4 Jan 2000 13:06:30 -0500  
From: "Jim Bates" <jimbo@spectrum-internet.com>  
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59514] Re: DSP--question properly worded  
Message-ID: <006c01bf56de\$6d84a040\$3e0232d8@jbates2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Henry,

I have been studying DSP techniques for a few months.

This is a rough outline of how I understand it is supposed to work.

(this is an example which I have run using demo software that came with )

(the book "Digital Signal Processing demystified" by James D. Broesch )

( which I got from Border's bookstore)

Input signal:

100 hz sine wave combined with a 10 hz sine wave.(Those are the only components in the input signal...no harmonics)

Filter:

A numerical filter with a number of taps(numeric values).

The numbers determine the slope and the band-pass characteristics.

Convolution:

At this point, convolution means "filtering the input signal".

Results:

Depending on the type of filter (high pass, Low pass, bandpass) the output

should be the desired frequency "10 hz".

But how well the 100 hz is reduced, depends on the number and accuracy of the filter coefficients.

The parts of your question that I didn't fully understand:

1. description of the input signal...does it have two frequency components?

2. description of the filter (range of the filter..does it cover the range 100hz...10hz?)

-jim(AF4FJ)

-----Original Message-----

From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, January 01, 2000 12:47 PM  
Subject: DSP--question properly worded

I didn't proof read my last post. The following adjusted version poses the question exactly.

I have a serious query for all of the EE's on freq.

DSP works by convolving an input signal with a filter operator. The output of this operation should be a waveform that only contains frequencies common to the input signal and the operator.

Let's say my input signal is a 100 hz sine wave (you can autocorrelate it to save computing overhead) and I design my filter so that it consists of a wavelet whose only component is 10 hz (you can widen the filter a bit if you think that ringing will be an issue...the only requirement is that it not contain 100 hz). When I pass my signal through the filter (ie convolve the two waveforms), I will definitely have an output waveform. What will be the freq content of the output....will it be sum and difference freqs? Will any of the original freq components show

up in the output?

What am I missing?

Henry

-----  
Date: Tue, 04 Jan 2000 13:23:46 EST  
From: Rod J Johnson <ka7you@juno.com>  
To: QRP-L@LeHigh.EDU  
Subject: [59515] Solar charge regulator  
Message-ID: <20000104.102805.9927.2.ka7you@juno.com>

Just thought I'd mention that Electronic Goldmine ( 1-800-445-0697 in Scottsdale, Az.) had a solar panel for about \$20 some months ago which is now sold out, but several list members bought them.

Now they seem to have the mating charge controllers (Item #G1761) for \$2.95. According to the catalog, they are designed to work with a 12 volt 5A lead acid battery. I assume they mean a 5Ahr capacity battery. I just ordered a couple to go with my panels.

The picture shows a round plug assembly which looks just like the ones which came with the solar panels originally. Of course it was a proprietary setup, so I cut mine off and installed the Anderson Power Poles to match all my other gear.

Other items of interest to me were the \$2 stereo headphones with a 32 ohm impedance, and the metal 1/4" mono phone plug to 3.5mm (1/8") mono phone plug adapter for \$1. They also have a \$3.50 folding 6X eye loupe which is 2+" in diameter. Great for that SMD component identification task.

These items were all in a 'special' Millenium Sale flyer, and prices are only guaranteed till 1/10/2000.

I have no interest in The Electronic Goldmine.

Happy New Year

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

80M thru 10M with K2 s/n268 and other fine QRP rigs.

VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 04 Jan 2000 13:50:35 -0500

From: Michael Bower <bowerm@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [59516] Re: Snakes on e-Bay

Message-ID: <387240FA.5FEE4ECB@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wait, they are doing that now. One can buy a HF rig and put it in your car or on a battery. But if you want a power supply, it costs extra. Isn't that the same thing? (And I always found the power supply was a lot more than I would expect for a PS.)

Ray Colbert wrote:

> Stunts like that - selling the equipment and manual separately -  
> will give the manufacturers something new to try. How would you  
> like to get your new rig with no operating manual or tech  
> info, and with hint of obtaining proper operation. I think  
> there it would be buyer's choice - no manual included, no sale.  
> 73  
> Ray  
>  
> --  
> "The more I see of the representatives of the people,  
> the more I admire my dogs."  
> letter from Count d'Orsay to John Foster 1850  
> -----  
> Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2  
> (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Tue, 04 Jan 2000 13:55:14 -0500  
From: Michael Bower <bowerm@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59517] Re: Snakes on e-Bay  
Message-ID: <38724212.8A8CF550@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

How can one in good conscience put a bad note on feedback for a guy if he is doing something that is legal and even logical? If he cheated you and said he would send a manual and then tries to charge extra for the manual, then you have a gripe. But if the manual is a separate auction, he is in his rights. (Just because you don't agree with him is your business. But if he has done nothing "wrong", why give him bad feedback? He was up front on the auction. He didn't say the manual was included. It was his right to sell the manual separate.....

Again, we may not LIKE what he is doing, but that doesn't mean it is wrong.

(In fact, if you did give him negative feedback, he might have a case against you for libel or slander or one of those words. I'm not a lawyer and don't want to be.)

Shephed@aol.com wrote:

> In a message dated 01/03/2000 5:42:35 PM Eastern Standard Time, K2UD@aol.com  
> writes:  
>

> > I love it! You see an item for sale on e-Bay, then the same guy has the  
> > manual for this item for sale seperately. Let's see, how can I really  
> soak  
> > 'em for this thing? Oh wait, let's charge some exhorbant price for the  
> > manual! After all, it's RARE! LOOK AT THIS! It's worth a MILLION  
> DOLLARS!  
> >  
> > Where are the Yellow Sheets when you really need them?  
> >  
> > 72  
> >  
> > Howard Kraus, K2UD  
> > Real Extra  
> > Real 20 wpm sent  
> > Real 20 wpm received  
> > In front of a Real FCC examiner  
> > I'm not an OF, but I'm working on it  
>  
> I know just how you feel.  
> I'm collecting old Commodore computer stuff (an old love of mine) and several  
> times I have seen items listed then a few items later you see the power  
> supply, or the cable, ect.  
> I get these peoples e-mail and let them know how I feel, I doubt if it makes  
> a difference, but at least I feel better. Also, leave an unkind word in their  
> feedback.  
>  
> 72, 73, oo's  
> Dan, N8IE Kettering,Oh  
> FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667  
> <http://members.aol.com/shephed/n8ie.htm>

-----  
Date: Tue, 4 Jan 2000 12:59:30 -0600  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [59518] RE: PRIDE  
Message-ID: <000001bf56e5\$d4faa9c0\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I agree 100% and have the same feelings about any CB operator who spends  
nights with me in the emergency coordinator's headquarters or any CB  
operator in the field getting wet, dirty, cold, hot, etc. out in the field  
taking time out from his life and possibly risking it to help.

73

Kevin, WB5RUE

Leeniers?!? We dunt need no steenkeeng leeniers!

-----Original Message-----

From: Rich Mulvey <mulveyr@iname.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Tuesday, January 04, 2000 11:15 AM

Subject: RE: PRIDE

>

> Personally, I consider the Tech who got his license a  
> year ago who owns a YaeComWood 2M HT and uses it to  
> assist in the local Special Olympics to be far,  
> far superior to the Extra who has a basement full of  
> homebrew gear but does nothing more than call CQ  
> CONTEST all weekend and expects to be respected  
> because of a 40-year-old piece of paper on the wall.

>

> - Rich

-----  
Date: Tue, 04 Jan 2000 14:06:24 -0500

From: Laura Halliday <lha@sdr.utias.utoronto.ca>

To: qrp-1@lehigh.edu

Subject: [59519] Question abt DSP algorithm redux

Message-ID: <4.2.0.58.20000104140518.00941b20@madrox>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Why not whomp up a quick simulation and find out for yourself?

What exactly is the mystery?

Laura Halliday VA3LDH "Que les nuages soient notre pied

Grid: FN03gs a terre..." - Hospital/Shafte

-----  
Date: Tue, 4 Jan 2000 14:11:21 EST

From: FrConrad@aol.com

To: qrp-1@lehigh.edu  
Subject: [59520] Re: PRIDE  
Message-ID: <0.e440cfdb.25a39fd9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I

<<

On 04-Jan-2000 John R Kirby wrote:  
> Hello Group  
>  
> Egos out of control ? Maybe.  
>  
> What about our pride ? >>

Well, pride remains the first and deadliest of the Seven Deadly Sins.

The second is toonin' up the old 2KW Neighbor Neuter-er on the air while the red lights on the radio (found just above the big knob in the center) look like 7040.

John+  
WB6MFS

(Why yes, Christmas is over, there aren't too many people in the hospital, and I do have a little too much time on my hands. Why do you ask?)

-----

Date: Wed, 05 Jan 2000 07:16:56 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59521] Re: "Atomic" Clock - Failure  
Message-ID: <38725538.7B3A1AD3@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dave Fifield wrote:

> I bought one of the WWV LCD clocks in the group buy a short while  
> back.

snip

> Looks to me like I have an expensive piece

Dave, Just knew someone had to get bitten by Y2K bug. Guess you were the one <g>

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S 151o:34':00" E

VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/> URL -

<http://www.qsl.net/vk2tip/>

-----  
Date: Tue, 04 Jan 2000 15:23:03 EST

From: n5ib@juno.com

To: qrp-l@Lehigh.edu

Subject: [59522] HB: cw adapter for HTX-10

Message-ID: <20000104.141926.7999.4.N5IB@juno.com>

The version 2.0 schematic of the HTX-10 cw adapter is at  
<<http://www.qsl.net/n5ib>>

This one uses a 555 timer for T/R switching and delay. Seems to work fine except for cutting off part of the first code element of a transmission sequence due to delay in pulling in the relay. Noticeable, but not tragic :^)

I worked someone using a stock Uniden 10 m xcvr over the weekend and it had the same problem.

73

Jim N5IB

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 04 Jan 2000 15:23:03 EST

From: n5ib@juno.com

To: qrp-l@Lehigh.edu



Subject: [59523] SWAP: landline sounder for straight key  
Message-ID: <20000104.141926.7999.5.N5IB@juno.com>

I have one or two landline morse sounders I'd like to swap for a straight key or keys suitable for our station aboard the USS Kidd.

Really looking for a J-38 or similar, but others would be OK - Speed-X, Nye, etx. Only constraint is "Made in USA." Functionality more important than cosmetics, the key(s) will be used often, I hope.

Photos at <<http://www.qsl.net/n5ib/page3.html>>

73  
Jim N5IB

-----  
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Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 04 Jan 2000 15:42:54 -0500  
From: Charles Greene <cgreene@loa.com>  
To: Dave Barrett <DBarrett@creo.com>, "'QRP-L'" <qrp-l@Lehigh.EDU>, "'elecrafft@qth.net'" <elecrafft@qth.net>  
Subject: [59524] Re: [Elecrafft] O.T...WM2 PEP circuit needed.....  
Message-ID: <4.2.2.20000104154121.00a87690@mail.loa.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:08 AM 1/4/00 -0800, Dave Barrett wrote:  
>Hi All, a while back I saw a circuit to modify the WM2 wattmeter to PEP  
>reading but seem to have lost the link, Please if anyone has info email me  
>direct...Thanks

Wait a minute. I thought the K2 meter read PEP. You can  
modify anything you like, but why bother?

-----  
Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator  
w1cg@arrl.net

-----

-----

Date: Tue, 04 Jan 2000 15:30:04 -0600  
From: Dick Carroll <dixie@townsqr.com>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [59525] Re: Snakes on e-Bay  
Message-ID: <3872665C.464BF781@townsqr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a receiver for which an original manual sold on Ebay the other day for \$102.50. I also have the original manual and a professional photocopy of same, both obtained with the receiver. When I decide to sell it, it will go with the manual copy, and the original will sell separately. Unless the buyer wants it for an additional \$100....

Did you ever give some friend a great deal on a piece of gear only to see him sell at the next hamfest for what it was \*really\* worth?.....

Dick

Ray Colbert wrote:

>  
> Stunts like that - selling the equipment and manual separately -  
> will give the manufacturers something new to try. How would you  
> like to get your new rig with no operating manual or tech  
> info, and with hint of obtaining proper operation. I think  
> there it would be buyer's choice - no manual included, no sale.  
> 73  
> Ray  
>  
> --  
> "The more I see of the representatives of the people,  
> the more I admire my dogs."  
> letter from Count d'Orsay to John Foster 1850

> -----

> Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2  
> (also w5xe@juno.com El Paso,(FAR WEST) TEXAS

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Date: Tue, 4 Jan 2000 16:39:25 -0500 (EST)  
From: lujce@Lehigh.EDU  
To: qrp-l@lehigh.edu  
Subject: [59526] LIST: off-topic discussions  
Message-ID: <200001042139.QAA264014@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Re: band plans  
no code/slow code  
question pool  
restructuring  
snakes...  
etc.

Take these discussions elsewhere, like rec.radio.amateur.\*

They do not belong here.

73

Jim N3VXI

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Date: Tue, 04 Jan 2000 16:46:27 -0500  
From: "Pete (N9SSA)" <n9ssa@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [59527] HB: Pixie II  
Message-ID: <4.2.0.58.20000104164107.009ed360@172.16.1.100>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I built a Pixie II over Thanksgiving, and have been having great success running QRPP with it!

Worked VA, WV, IN, MO from here in MI, at 500 or 800 Mw. And that's rockbound at 3688.03+ xtal bend.... 3688 seems to be a favorite hangout from some QRQ guys... ;-)

Anyone else messing with a Pixie II?

I've been using my Yaesu for RX, as the Pixie is so wide on receive. Has anyone worked up a simple modification to get the receive more usefull?

73 es gud QRPP.

N9SSA - Pete Hoffswell  
Holland, MI - EN62wt - 42.79N 86.15W  
n9ssa@arrl.net  
QRP-L #2109

-----  
Date: Tue, 04 Jan 2000 17:04:48 CST  
From: "Jeff Gold" <jeffmgold@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: jeffmgold@hotmail.com  
Subject: [59528] K2 SSB  
Message-ID: <20000104230448.74070.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

All,

well I had a bit of a time, but have finished doing some decent testing on the SSB adaptor. Had a Kenwood fan trying out receive, stated he couldn't believe how quiet the receiver is. I set all filter exactly as recommended.

When I first built the SSB adaptor, the reciever was great, weird power problems. Since I put one piece on at a time and checked every connection with a high power magnifying glass, I was a bit concerned. I got extensive (AWESOME) help from the Elecraft support. In trying to debug the problem I messed up the SSB adaptor so I couldn't get any receieve either.. very sad moment. I even removed one of the chips off the board, quite and experience.

Gary from Elecraft, somehow managed to simulate the problem and told me two places that might be shorted, the top of of one of the diodes and told me to check all crystal legs for shorts. Well I had somehow shorted the top of the diode to ground in reheating my connections.. you couldn't see the short .. I scraped carefully around the pad and put the diode back.. great receive again. I located a shorted leg to one of the crystals.. full power out.

I have gotten excellent audio reports using a cheapo mike.. wired to the

Kenwood pinout. It is from my Ten Tec 2 meter transceiver, and works great.

Once I figured out how to use the mike, I have worked on every band from 10-80 (I don't have the 160 adaptor. Worked DX on upper bands and locals on 80.

Great job Elecraft!!!

72

Jeff, AC4HF

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Get Your Private, Free Email at <http://www.hotmail.com>

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Date: Tue, 04 Jan 2000 18:25:23  
From: Robert McConnell <rmcconne@lightlink.com>  
To: af852@rgfn.epcc.edu  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59529] RE: Snakes on e-Bay  
Message-ID: <3.0.6.16.20000104182523.2fbf870a@pop.lightlink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

You haven't bought any software lately have you? When is the last time any Micros~1 packages contained a complete manual? Usually they expect you to go to Amazon.com to get the documents you need. Or buy MSDN Enterprise and wear out your printer.

Bob McConnell  
N2SPP

At 06:35 AM 1/4/00 -0600, Ray Colbert wrote:  
>Stunts like that - selling the equipment and manual separately -  
>will give the manufacturers something new to try. How would you  
>like to get your new rig with no operating manual or tech  
>info, and with hint of obtaining proper operation. I think  
>there it would be buyer's choice - no manual included, no sale.  
>73  
>Ray  
>  
>--  
>"The more I see of the representatives of the people,  
>the more I admire my dogs."  
>letter from Count d'Orsay to John Foster 1850  
>-----  
>Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2

>(also w5xe@juno.com El Paso,(FAR WEST) TEXAS  
>  
>

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Date: Tue, 04 Jan 2000 15:41:16 -0800  
From: Jim/Julia <w7ls@blarg.net>  
To: n9ssa@arrl.net, qrp-l@lehigh.edu  
Subject: [59530] Re: HB: Pixie II  
Message-ID: <3872851C.1519B9CB@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes, Pete. I have a few of them. I use them with a low dipole for statewide communications tests. Works just great!

W1FB has a mod that has an audio filter and something else (tx offset, I think). It's shown on Ed Loranger's web page (WE6W). These Pixies work way better than you'd expect. 73 de Jim, W7LS

"Pete (N9SSA)" wrote:

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> N9SSA - Pete Hoffswell  
> Holland, MI - EN62wt - 42.79N 86.15W  
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End of QRP-L Digest 1690

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